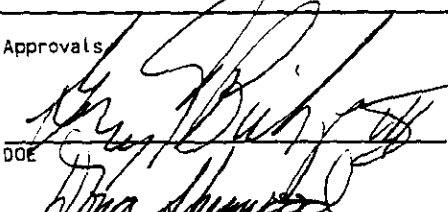


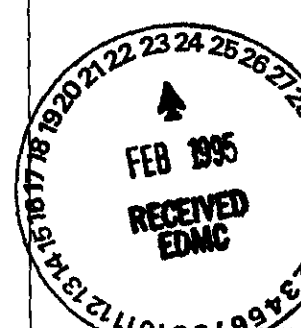


START

9513335.0261

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Change Number M-41-95-01	Federal Facility Agreement and Consent Order Change Control Form <small>Do not use blue ink. Type or print using black ink.</small>	Date 2/16/95
Originator T.E. Rainey/ G. E. Bishop		Phone 509-373-3531/509-372-1856
Class of Change <input type="checkbox"/> I - Signatories <input type="checkbox"/> II - Project Manager <input checked="" type="checkbox"/> III - Unit Manager		
Change Title Target Milestone M-41-01-T02, Modification in Completion Date		
Description/Justification of Change Change date for completion of Milestone M-41-01-T02, "Complete Interim Stabilization of 5 Single-Shell Tanks", from 12/31/94 to 11/30/95. The pumping of five (5) single-shell tanks (SST) started on schedule with the completion of targets M-41-01-T01 and M-41-01-T02, but several factors have delayed the completion of pumping and Milestone M-41-01-T02. These factors are: <ul style="list-style-type: none">• The estimated volumes of liquid to be pumped from SSTs 241-BY-102 and 241-BY-109 have increased by factors of 2.1 (24,000 gallons) and 1.4 (21,000 gallons), respectively.• Several equipment failures have delayed pumping. These failures include:<ul style="list-style-type: none">1) Pump failure on SST 241-BY-109; 2) Pressure switch failure on SST 241-BY-109;3) Power outage in 241-BY tank farm; and 4) Transfer route leak in the 241-AY-101 sluice pit. (Continued p.2)		
Impact of Change This change request will modify the date of target milestone M-41-01-T02. There will be no impact to the major milestone M-41-00. Also, no impact is anticipated to other fiscal year 1995 interim stabilization work.		
Affected Documents Hanford Federal Facility Agreement and Consent Order Action Plan, Appendix D.		
Approvals DOE  2/17/95 <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Disapproved ERA  2/17/95 <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Disapproved Ecology  2/17/95 <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Disapproved		

Hanford Federal Facility Agreement and Consent Order
Change Control Form M-41-95-01
Page 2

Description/Justification (cont.)

- The pumping of SST 241-BY-109 was halted for six weeks because of safety concern due to a high organic content in a vapor sample of 241-BY-108 (SST 241-BY-108 is connected to 241-BY-109 through a cascade). Pumping was on hold until a vapor sample from 241-BY-109 could be taken and analyzed to determine there was no organic concern with the tank.
- The pumping rate (gpm) from tank 241-BY-109 has been less than estimated. Pumping rate is dependent on the physical characteristics of the waste in the tank, and can only be estimated before the start of pumping.
- Delays were experienced while conducting reviews to validate that transfer procedures were in compliance with Operational Safety Requirements/Operating Safety Documents, and to conduct mock-up training to upgrade radiological work practices following non-related radioactive spills in the tank farms.

The combination of delays, more liquid than estimated and slower pumping rate has increased the estimated pumping duration of SST 241-BY-109 by twelve months. The completion of interim stabilization of 241-BY-109 is expected to extend to November, 1995. This tank would be the final tank in the group to be completed.

Anticipated completion dates for the other four SST's are:

- C-102: September, 1995
- C-107: August, 1995
- C-110: May, 1995
- BY-102: July, 1995.